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radiation treatment of cancer in a subject while inhibiting repair of double-stranded breaks in DNA in cancer cells in said subject which comprises: a) introducing into said cancer cells [of the subject the gene product of the] DNA containing early region 4 (E4) open reading frame 6 (ORF6) and E1B region of genomic adenoviral DNA, in a quantity sufficient to inhibit repair of double-stranded breaks in DNA in said cancer cells and b) administering a chemotherapeutic agent or radiation to the subject.

13 (twice amended). The method of claim 12, wherein the [gene product of the] DNA containing early region 4 (E4) open reading frame 6 (ORF6) and E1B region of genomic adenoviral DNA is introduced into the cancer cells before the chemotherapeutic agent or radiation is administered to the subject.

14 (twice amended). The method of claim 12, wherein the [gene product of the] DNA containing early region 4 (E4) open reading frame 6 (ORF6) and E1B region of genomic adenoviral DNA is introduced into the cancer cells after the chemotherapeutic agent or radiation is administered to the subject.

15 (twice amended). The method of claim 12, wherein the [gene product of the] DNA containing early region 4 (E4) open reading frame 6 (ORF6) and E1B region of genomic adenoviral DNA is introduced into the cancer cells concurrently with administering the chemotherapeutic agent or radiation is administered to the subject.

REMARKS

Claims 6-18 are pending in the application. Claims 6 and 12-16 are under consideration, claims 7-11, 17 and 18 having been withdrawn from consideration as the result of a restriction requirement. By this amendment, claims 6 and 12-15 have been amended.